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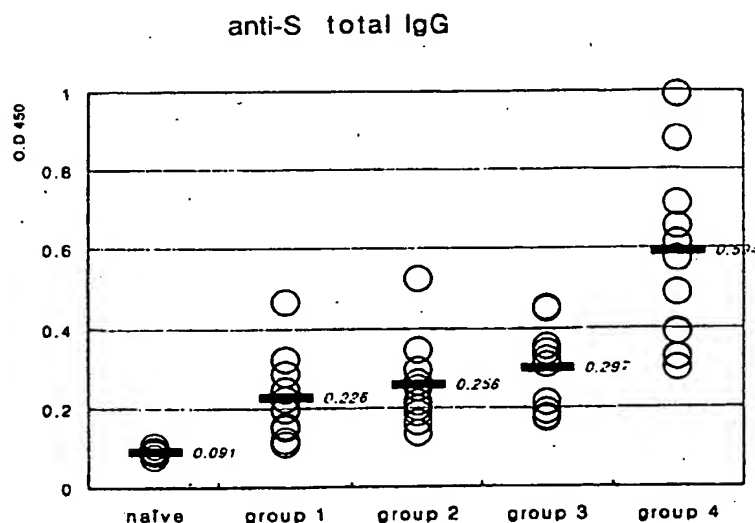
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(54) Title: **VACCINE COMPOSITION COMPRISING IL-12 ADJUVANT ENCAPSULATED IN CONTROLLED-RELEASE MICROSPHERE**



(57) Abstract: Disclosed is a vaccine composition including a pathogenic antigen and IL-12 encapsulated in controlled release microspheres. Also, the present invention discloses a method of enhancing the adjuvant effect of IL-12 by employing an IL-12 adjuvant encapsulated in controlled release microspheres. IL-12, used as an adjuvant for a co-administered vaccine antigen in the vaccine composition, is released in vivo for a prolonged period of time by being encapsulated in controlled release microspheres, thereby maximizing its adjuvant effect.

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